

## FIG. 25

FAST switching - Fabric controller - switching matrices -

M(i,j,t) - for every time slot:

t - is defined by the triplet:

- s - # of slot positions in time frame -f - # of frame positions in time cycle - c - # of cycle positions in super cycle

[Total number of switching matrices - M(i,j,t) - s\*f\*c]

4 output ports - j

Matrix M(i,j,t), such that, 1 <= t <= s \*f\*c:

output-1 output-2 output-3

value, type

input-4

input-3

input-2

input-I

value=0 - disconnect input port from output port

value = I - connect input port to output port

type = 0 - temporary value in this switching matrix

type = I - **permanent value** in this switching matrix

2500

















